CHARGER GUIDE:

Can I Use Any Charger With Any Device?

Every household has that one kitchen draw that's full of chargers that we accumulate over the years. And when charger on our current device fails, we wander whether we should buy new one or try to use one of these old chargers.

But is it safe to use charger that's not the original charger? That's the question we'll try to answer in this guide.

But what if your laptop or phone battery is dead?

Did you know there's a simple trick to bring almost any dead phone or laptop battery back to life again?

Watch this video to learn how.

Different Types of Chargers

We'll talk about three main types of chargers covered by this guide:

- laptop chargers
- phone chargers
- Apple's lightning connector

These are the most common types of chargers in average household.

Laptop Chargers

Each laptop comes with its own battery charger and in general each charger has specific *head* which is only compatible with that specific laptop.

There are however aftermarket replacement chargers which you can buy. These come with a selection of different types of heads. Before you buy one of these make sure that one of the heads fits your laptop.

You should also keep in mind that the quality of these aftermarket chargers will be reflected in the price. I advise you to stay away from cheap chargers.

Another important consideration is the actual *rating of the charger*. Different laptop batteries have different energy requirements which is reflected in the battery charger. You may find spare charger that fits into the charging port but if the energy rating is different it can lead to the laptop battery damage or even battery explosion if the incorrect charger is connected for extended period of time.

In a nutshell then, you should only use charger that is compatible with your specific laptop. You determine conmpatibility by looking at 2 main things: energy rating and charger head.

If you don't want to spend tons of money on original charger you can buy used one. There are plenty of places where you can buy original second-hand charger.

Phone Chargers

Most of what we discussed in laptop charger section applies here as well. However some chargers are designed to be interchangable. For example, in most cases you can charge your android phone with the same charger as you would use for an android tablet.

Or you can use the same iphone charger to charge ipad of the same year.

Again the most important thing to remember here is to make sure that the energy ratings are the same. Once again if you use charger that fits but energy ratings are different you can end up damaging your device.

Apple's Lightning Connector

Chargers for Apple's products are generally interchangable. With that said I can't stress enough how important it is to make sure that energy requirements are correct (I'm talking about the voltage and amperage).

If You Get This Wrong You're Going To Kill Your Device

Most chargers come with a sticker (somewhere on the charger case) that clearly states *energy specifications*, including *voltage* (V) and *amperage* (A).

You can sometimes find similar sticker at the bottom of a laptop case.

If you're not sure you should look into any documentation (user manual, troubleshooting guides) which came with your device - be in a laptop or anything else. If you haven't got this you can very often find it online. For example, go to Google and type in: "Dell Inspiron 1720 user manual" or "Acer Aspire e15 charger specs".

Let's now look at two of the most important concepts when it comes to understanding charger compatibility.

Voltage is the amount of power that's send from the charger into the device. Laptop chargers can send as much as 25Volts while phone charger push around 4-5Volts.

The reason why this is important is because if you use charger that's not pushing enough Volts then the battery may not charge or the device fails to start because there just simply isn't enough volts to power the internal electronic circuits.

On the other hand, if you send too many volts into the device, the device may overheat, start a fire or even explode.

Amperage is how quickly the power is pushed into the device. The amount of voltage going into the device is usually unchanged. But amperage does change as the energy requirements of the device change. The amount of amperage in laptop that's not doing anything is different from laptop that has 10 tabs open, at the same time the user is using word processing while also listening to the music and the display is set to full brightness. I'm sure you get the idea.

So when you use charger that's not the original charger always make sure you match the manufacturer's energy specifications - Voltage and Amperage.

Never Use Cheap Aftermarket Chargers

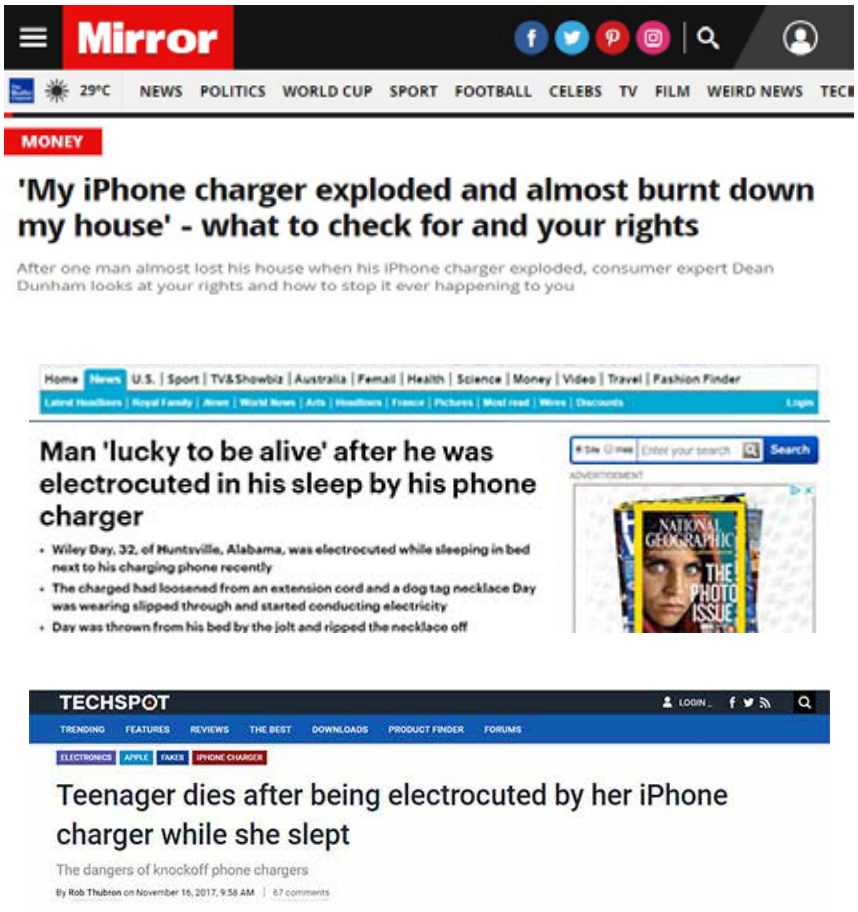
There are two main problems with cheap chargers: they don't always meet the energy specifications and they're build from sub-standard materials.

You should never use cheap knockoff charger when you have laptop with failing battery (if your laptop needs to be continuously plugged in).

This is because the charger may overheat or even start a fire.

Sounds a bit far fetched?

Look at the headlines bellow.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After one man almost lost his house when his iPhone charger exploded, consumer expert Dean Dunham looks at your rights and how to stop it ever happening to you
Man 'lucky to be alive' after he was electrocuted in his sleep by his phone charger
Wiley Day, 32, of Huntsville, Alabama, was electrocuted while sleeping in bed next to his charging phone recently
The charged had loosened from an extension cord and a dog tag necklace Day was wearing slipped through and started conducting electricity
Day was thrown from his bed by the jolt and ripped the necklace off
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The dangers of knockoff phone chargers

What To Do With If Your Laptop or Phone Battery Is Dead

Ok so now you know what chargers you can use to power your devices safely.

But what if charger is NOT the problem.

What if the battery is dead?

Most people think that once the battery is dead, it's dead. And there's nothing they can do about it. So they buy new, expensive replacement.

But did you know you can *restore almost any phone or laptop battery back to it's original condition*? Not only will you save money but you'll also help the environment.

Click here to watch a short video that shows you **simple trick to bring almost any dead laptop or phone battery back to life.**

If you found this guide useful, here's are other guides that can save you money:

- How To Recondition Car Battery At Home
- EZ Battery Reconditioning Review 2018 (use this product and you'll never have to buy any kind of battery ever again)